

# Low Level Radioactive Waste Tracking System

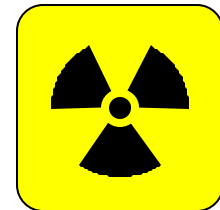
---

## Radioactive Materials/Waste Management

18 Mar 02

Phillip Tennison--TRW  
Major Caputo--AFIERA/SDRH  
DSN240-3489

[Phillip.Tennison@brooks.af.mil](mailto:Phillip.Tennison@brooks.af.mil)  
[Daniel.Caputo@brooks.af.mil](mailto:Daniel.Caputo@brooks.af.mil)



# Overview

---

- Background
- Waste Categories
- Inherent Problems
- User Base
- Process Flow
- System Capabilities
- Demo

# Background

---

- Defense Engineering Support Contract
- HQ AFMC/CEV Funded Effort
- Sep 01- Sep 02
- Requirements Gathering/Documentation
- Spiral Prototype Development

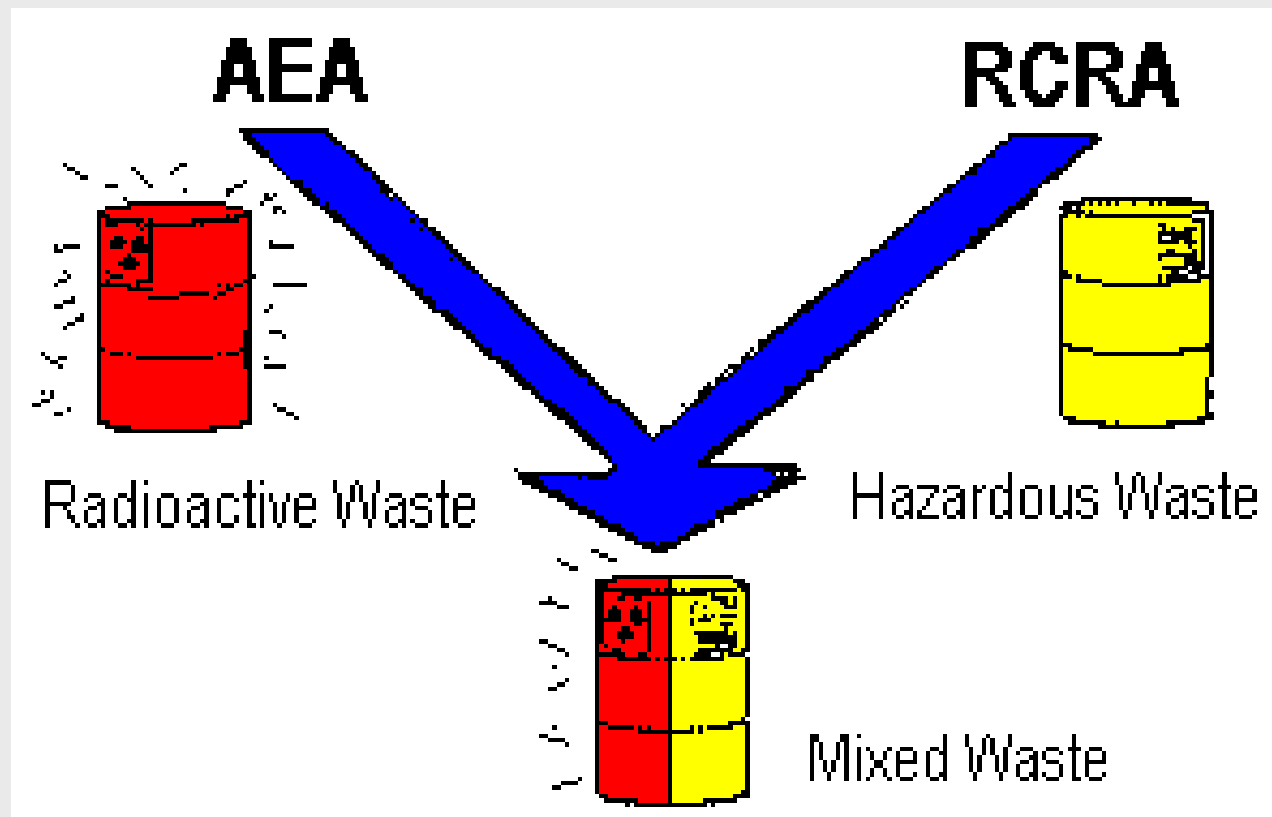
# Waste Category

## Commodities



# Waste Category (con't)

## Mixed Waste



# Waste Category (con't)

## Remediation Waste



# Inherent Problems

---

- Different Base Inventory Management Techniques
- Difficulty with Identification
- Manual Disposition Request
- Separate Reviews by Recycling/Waste Office
- Unable to Track Costs to Weapon System

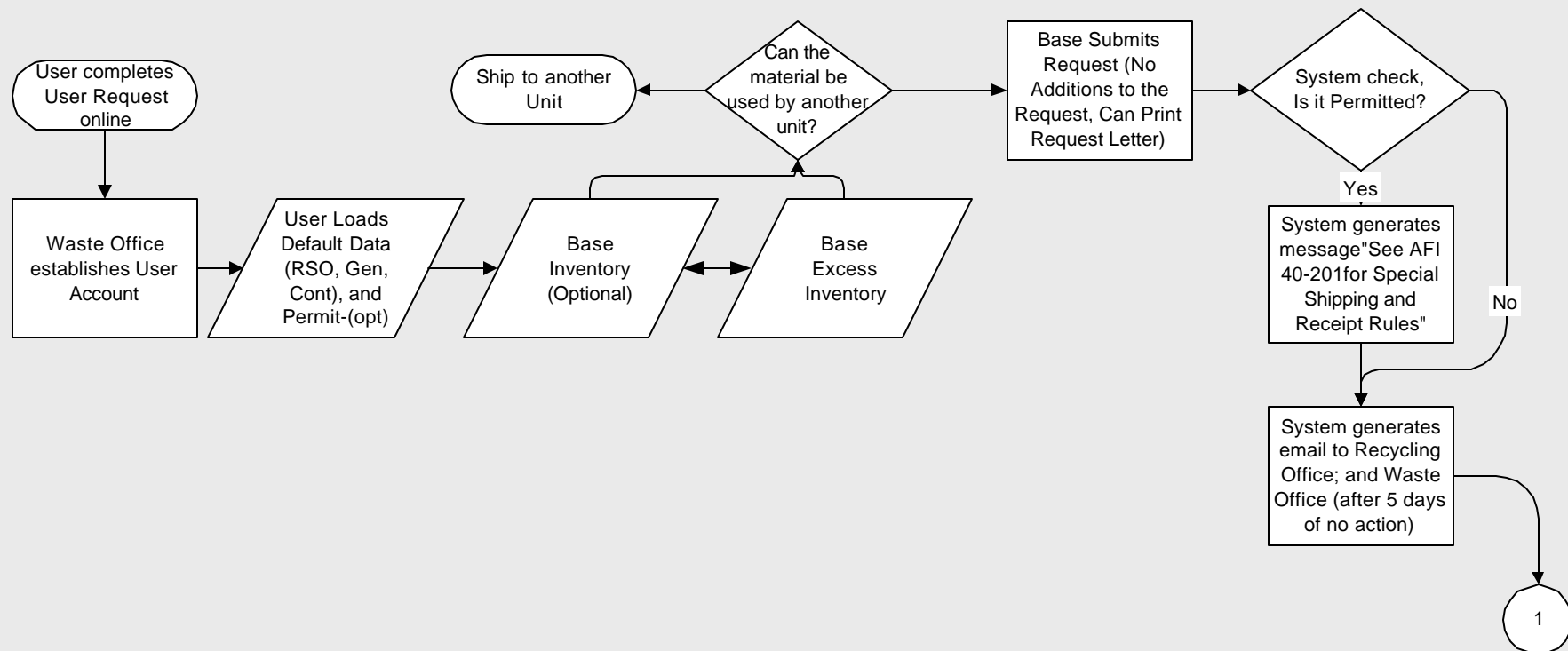
## User Base

---

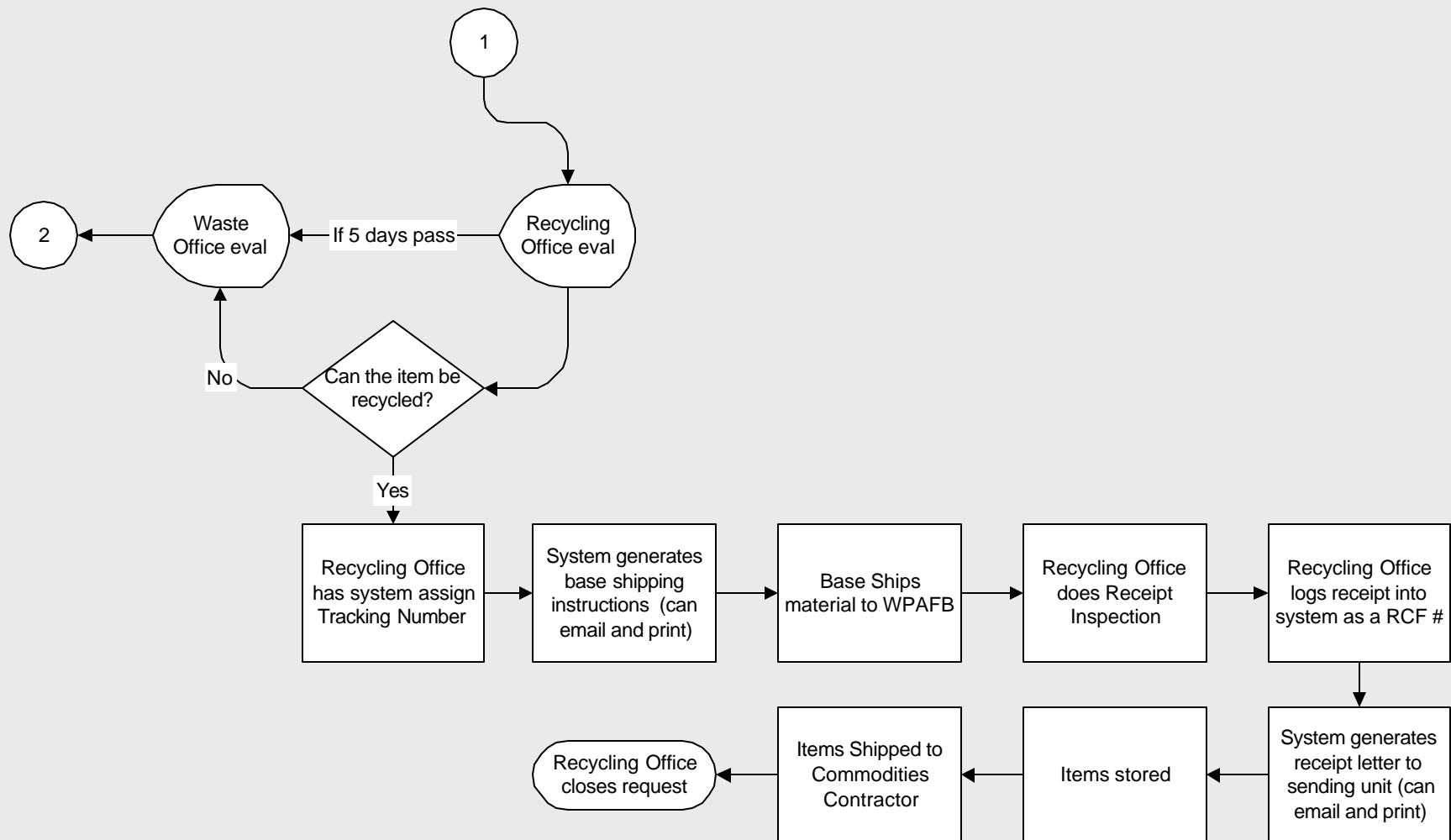
- Generator Level (Active Duty AF, AFRES, ANG, Deployed Units, AF Contractors)
- Direct Involvement (Waste/Recycling Office)
- Indirect Involvement (SG, RIC, AFMOA, HQ, OSC, Contractors)



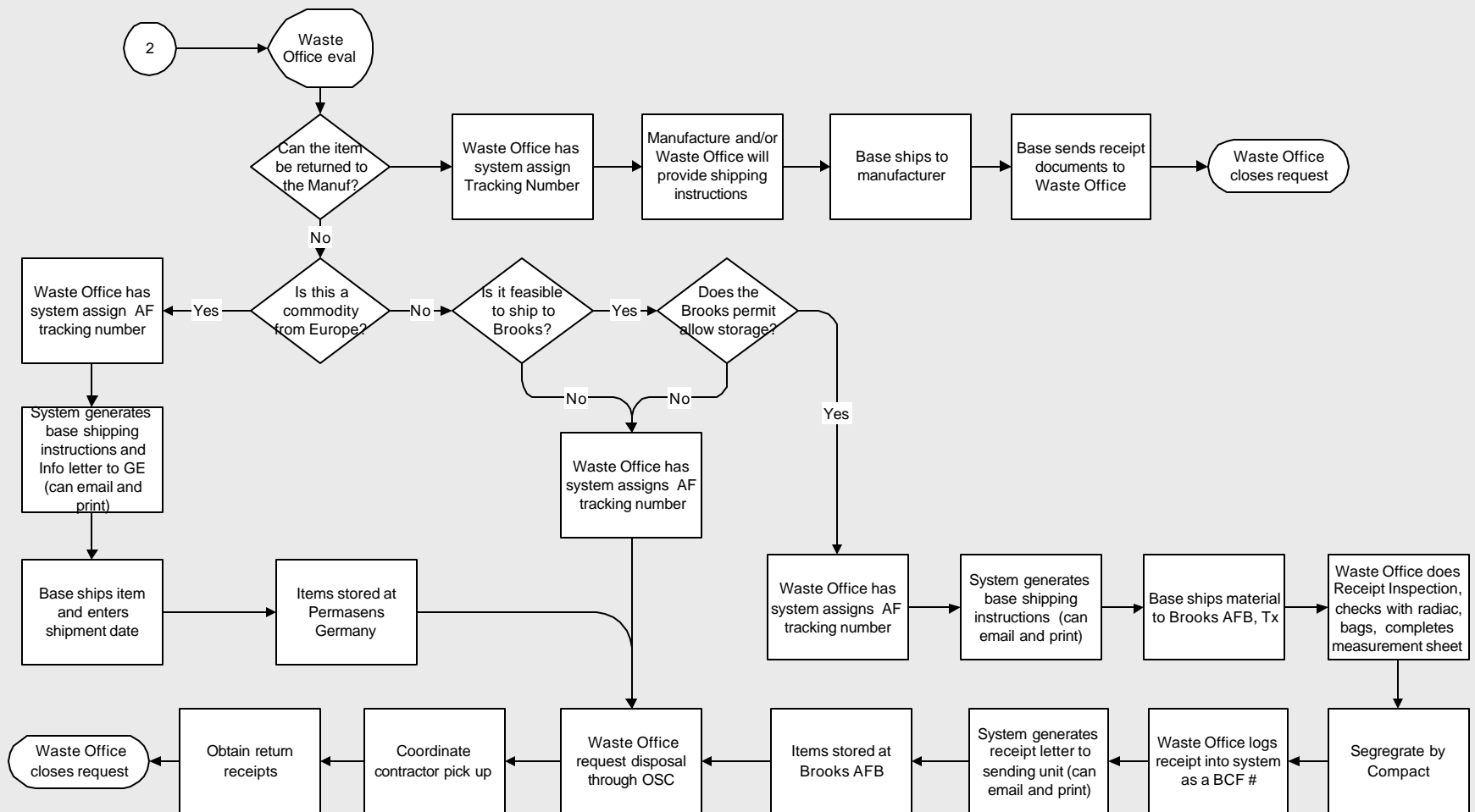
# Process Flow



# Process Flow (con't)



# Process Flow (con't)



# System Capabilities

---

- Web Based
- Centralized Database
- Built-in Radioactive Material Research Tools
- RAM Inventory/Excess Inventory Management
- Standardized Data Management

## System Capabilities (con't)

---

- Automated Request
- Request Report Wizard
- Sequential Review by Recycling/Waste Office
- Automated Shipping/Receipt Letters
- Canned Reports

## System Capabilities (con't)

---

- Generating Organization/RSO Information
- Permit Tracking
- Movement/Transfer Tracking
- Shipping Container Survey Tracking
- Weapon System & Cost Tracking

## System Capabilities (con't)

---

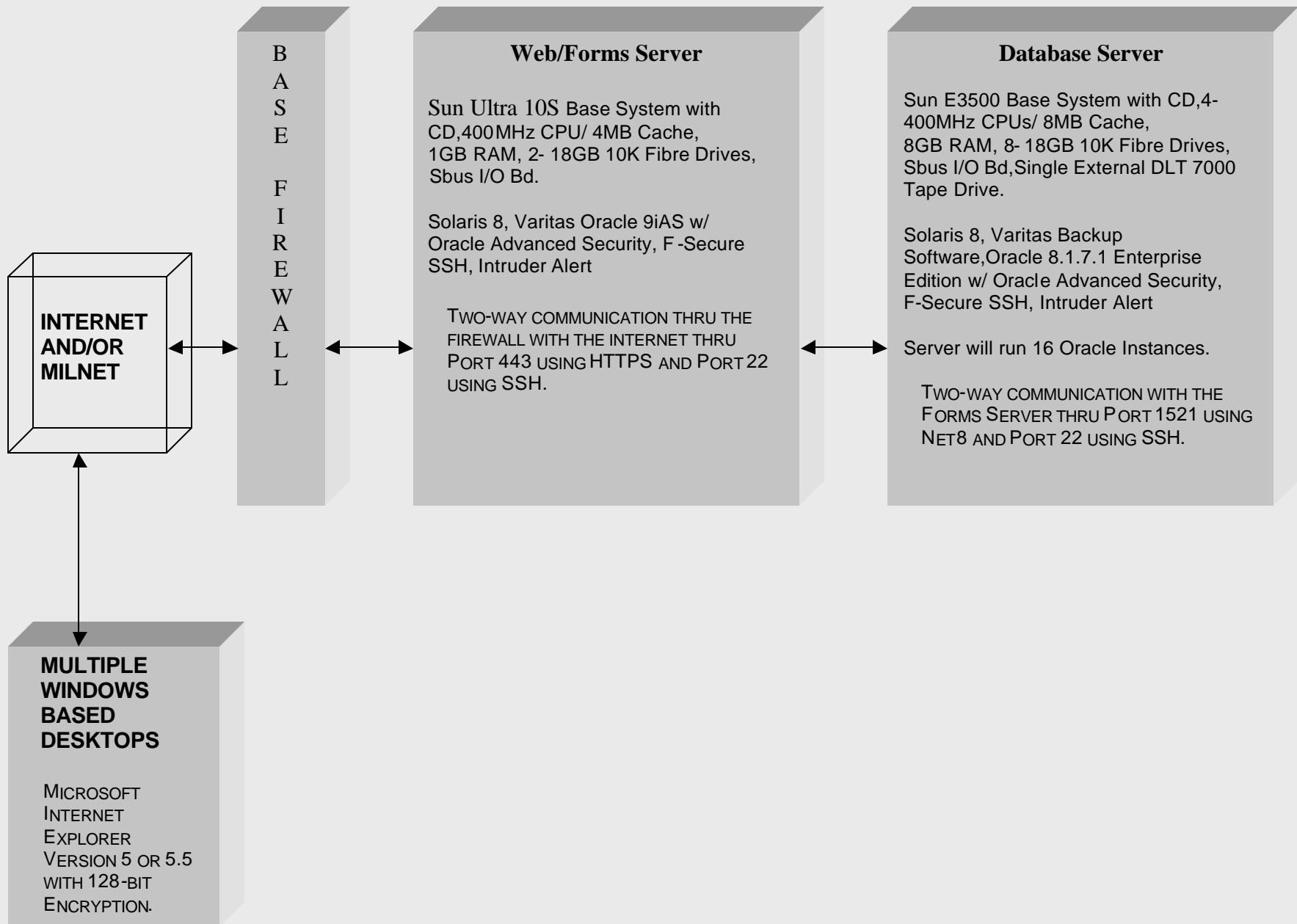
- Compact Identification
- Contractor Information
- Interim Processor Information
- Ultimate Disposition Site Information

## System Capabilities (con't)

---

- Global Combat Support System Architecture
- Security
- Certificate of Networthiness





# Low Level Radioactive Waste Tracking System

---

**Demo**